

In the claims:

1. (Currently amended) A method for producing functional water from untreated water comprising the steps of:

preparing a mixture solution of 1 to 10 weight parts by weight of molasses powder, 0.05 to 1 weight parts by weight of soybean powder and 0.01 to 0.5 weight parts by weight of bamboo powder, based on 100 weight parts by weight of raw untreated water, in which the powders are pulverized to a size of 100 to 400 mesh;

supplying the mixture solution to an introduction tank and keeping it there for 2 to 5 days while aerating;

passing the mixture solution from the introduction tank through a sieve with a pore size of about 100 mesh to remove impurities and macromolecularized sludge circulated from a first precipitation tank;

subjecting the mixture solution, with impurities and sludge removed, to decomposition in a decomposition tank for 50 to 70 days by aerobic bacteria and facultative anaerobic bacteria which naturally habit in environment where humus substances exist;

storing the product from the decomposition tank in [a] said first precipitation tank for 2 to 5 days to primarily aggregate sludge, circulating a first part of the sludge in the first precipitation tank to the introduction tank and the decomposition tank, transferring the rest a second part of the sludge in the first precipitation tank to a culture tank filled with humus soil and active silicates, followed by cultivation for 10 to 15 days, and transferring the supernatant portion of the product in the first precipitation tank to a bio-tank and transferring the rest remaining portion of the product in the first precipitation tank to the decomposition tank;

culturing the supernatant transferred to the bio-tank [6] for 20 to 30 days; and

transferring the product from the bio-tank to a second precipitation tank, adding an activating agent to secondarily aggregate sludge in the second precipitation tank, circulating the resulting sludge in the second precipitation tank to the introduction tank and transferring the supernatant in the second precipitation tank to a filter supply tank, followed by filtration of

the supernatant removed from the second precipitation tank with a filter to obtain functional water.

2. (original) The method of claim 1, wherein the bio-tank has an inner wall coated with granite tiles and is filled with granite rubbles at the inside thereof.

3. (original) The method of claim 1, wherein the activating agent added to the second precipitation is humus soil.

4. (original) The method of claim 2, wherein the activating agent added to the second precipitation is humus soil.